

# Town Center Streetscape Project Lexington, MA

## Project Update

Board of Selectmen Meeting  
October 6, 2014

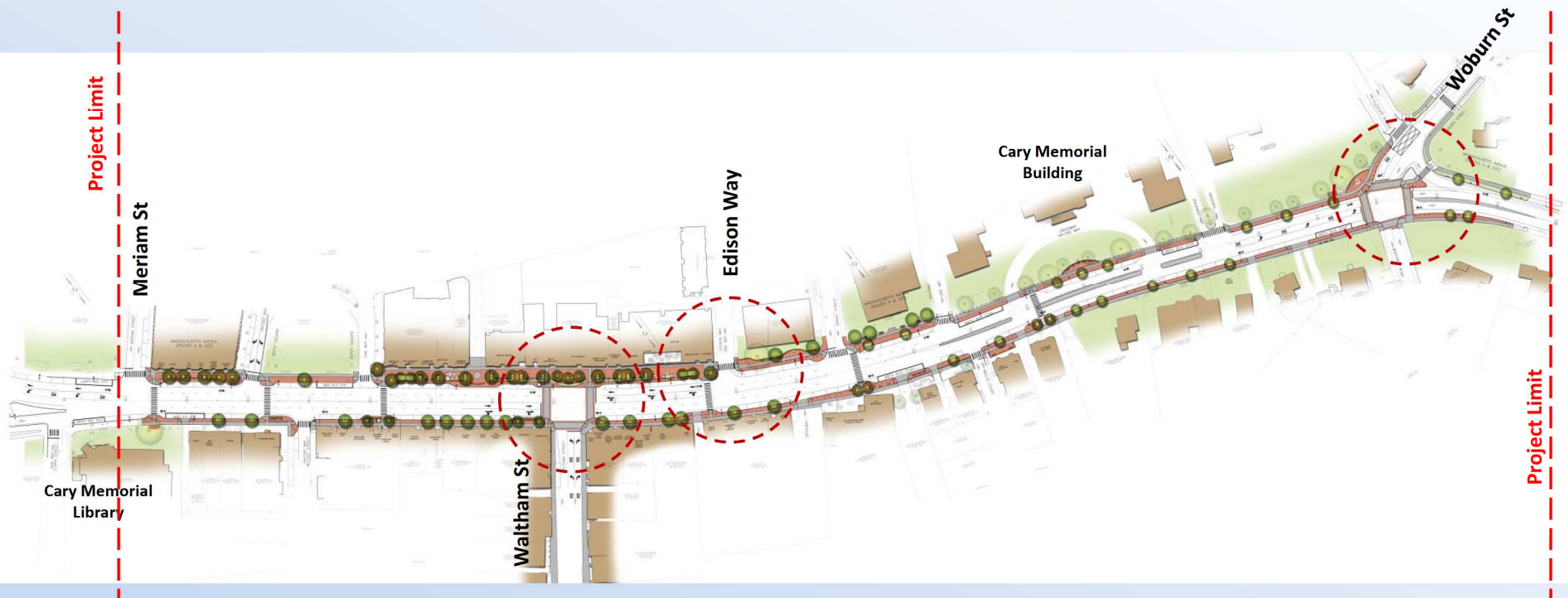
# Project Update

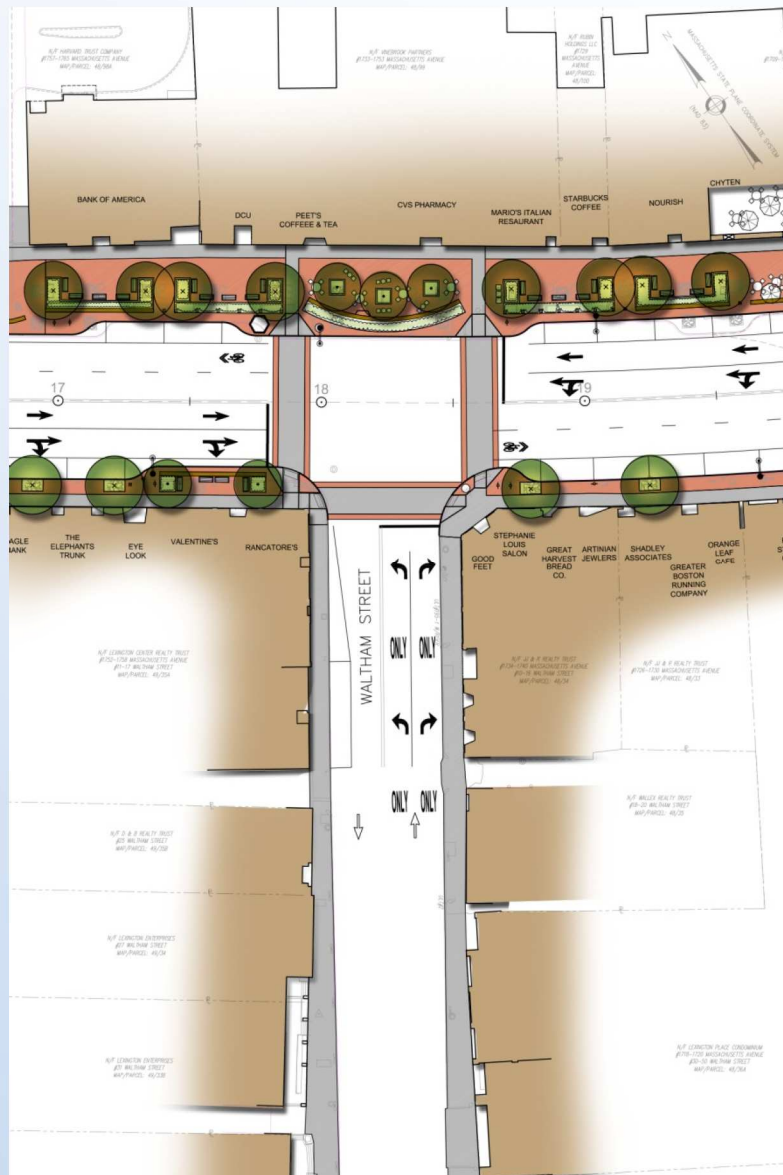
Date	Committees
6/24/2013	Transportation Forum
8/8/2013	Center Committee
9/10/2013	Streetscape Committee
9/30/2013	Streetscape Committee
11/25/2013	Streetscape Committee
12/5/2013	Public Meeting Workshop
12/19/2013	Streetscape Committee (debrief public workshop)
1/9/2014	Streetscape Committee (on Battlegreen)
1/9/2014	ADA Committee
1/18/2014	Battle Green Committee
2/14/2014	Coordination Meeting with Nelson Nygaard on Parking Study
2/20/2014	Battle Green Committee
2/28/2014	Tourism Committee
3/11/2014	Pre-BOS meeting with Town Manger
3/12/2014	Property Owners Meeting
3/12/2014	Streetscape Committee-Lighting
<b>3/17/2014</b>	<b>BOS Meeting</b>
<b>3/18/2014</b>	<b>Public Meeting</b>
<b>6/13/2014</b>	<b>Streetscape Committee (Preliminary Design Reviews</b>
<b>7/10/2014</b>	<b>ADA Committee</b>
<b>7/17/2014</b>	<b>Preliminary Design Submittal</b>
<b>9/10/2014</b>	<b>Streetscape Committee (Project Coordination)</b>

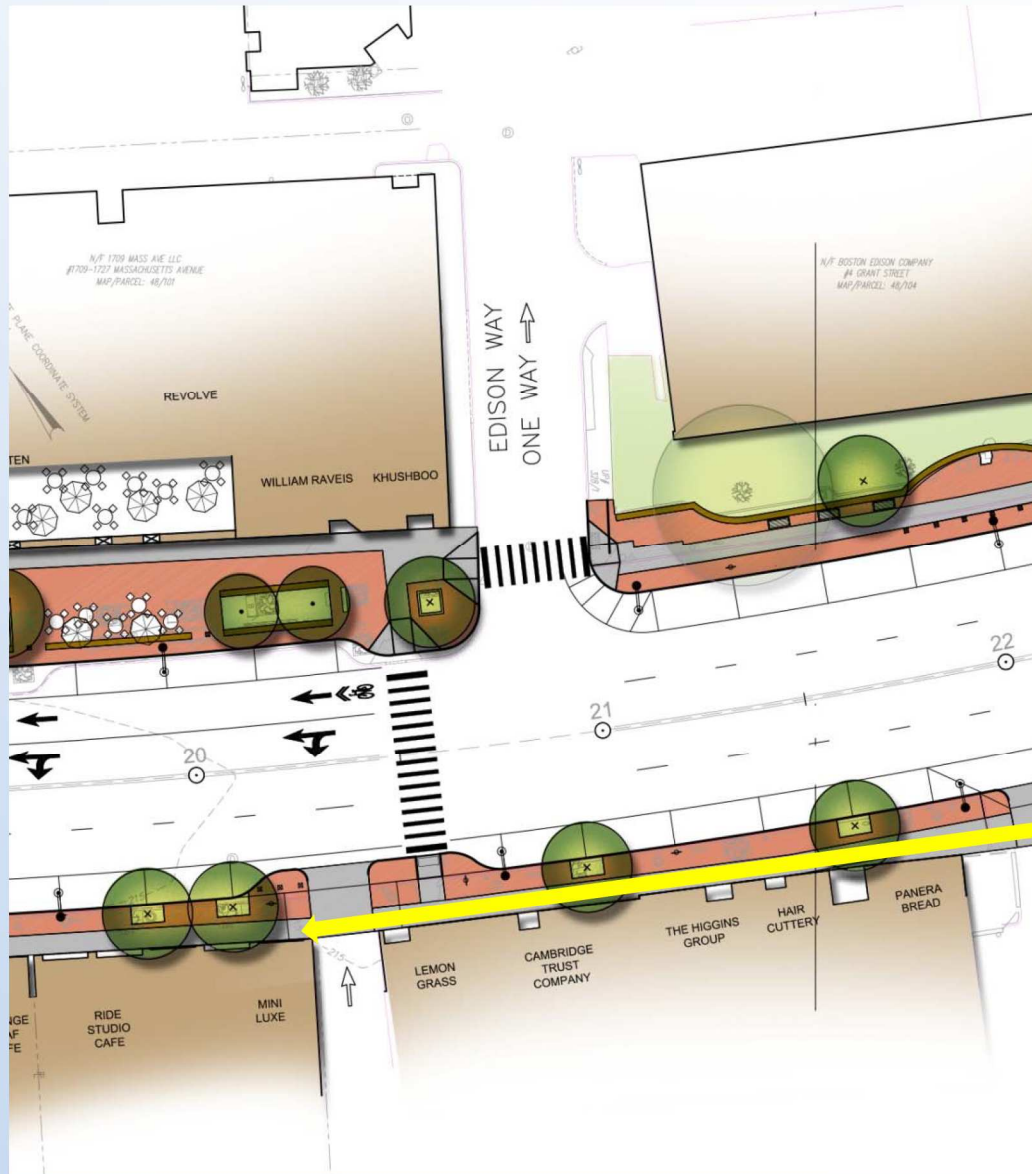
# Presentation Outline

- Town Center
  1. Traffic Safety Improvements
    - Pedestrians, Bicycles & Vehicles
  2. Streetscape Improvements
    - Walkway Treatment Renderings
    - Interpretive Elements

# Overall Plan



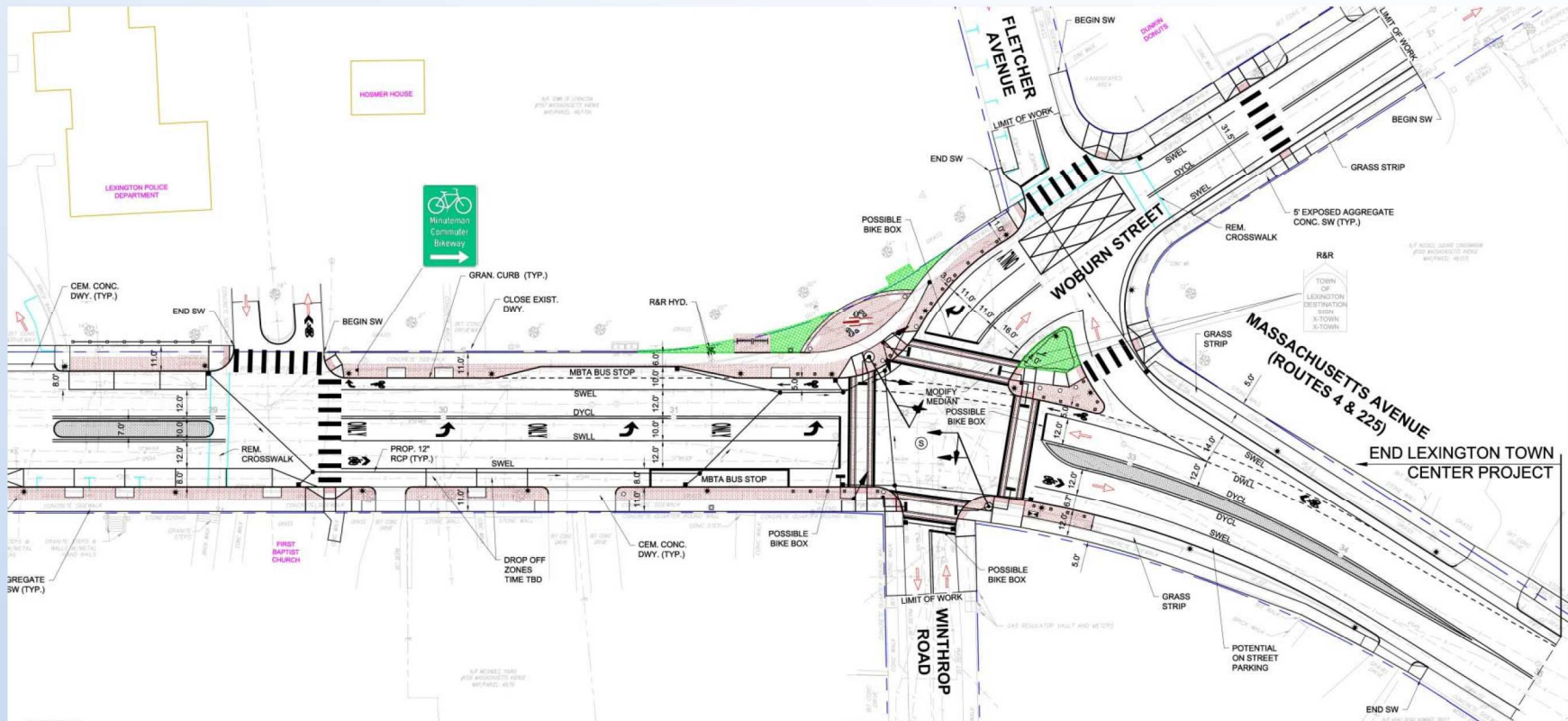




**Electronic Blankout Sign  
With Volume Controlled  
Audio Feature**



# Massachusetts Avenue/Woburn Street/Winthrop Road Intersection



## Design Option Comparisons

### Massachusetts Avenue/Woburn Street/Winthrop Road Intersection

Design Option	Pros	Cons
Option 1 - Do Nothing	<ul style="list-style-type: none"> <li>• Maintains existing traffic movements.</li> <li>• Maintains the existing island.</li> </ul>	<ul style="list-style-type: none"> <li>• Unsafe traffic patterns.</li> <li>• No pedestrian or bicycle accommodation.</li> <li>• Queuing on Woburn Street (320 feet)</li> <li>• Poor Operation (LOSF)</li> <li>• Appearance/ expansive pavement</li> </ul>
Option 2 - Modify Geometry, No Signal	<ul style="list-style-type: none"> <li>• Establish gateway to Town Center.</li> <li>• Pedestrian/ bicycle accommodations.</li> <li>• Improved traffic patterns/ channelization.</li> <li>• Traffic Calming.</li> </ul>	<ul style="list-style-type: none"> <li>• Pedestrian crosswalk unprotected.</li> <li>• Increased traffic queues on Woburn Street. (Minuteman crossing; 500 ft. beyond)</li> <li>• Poor operation (LOSF).</li> </ul>
Option 3 - Modify Geometry, Traffic Signals	<ul style="list-style-type: none"> <li>• Enhanced gateway to Town Center</li> <li>• Protected pedestrian/ bicycle accommodations.</li> <li>• Improved traffic safety/ operations.</li> <li>• Traffic calming benefits.</li> <li>• Manage Mass. Ave. Traffic.</li> <li>• Manage Winthrop Rd. traffic.</li> </ul>	<ul style="list-style-type: none"> <li>• Installation and maintenance of traffic signals.</li> </ul>
Roundabout	<ul style="list-style-type: none"> <li>• Controls traffic without the use of traffic signals.</li> </ul>	<ul style="list-style-type: none"> <li>• Requires extensive Right-of-Way.</li> </ul>



## Design Option Comparisons Summary

### Massachusetts Avenue/Woburn Street/Winthrop Road Intersection

Design Option	Option 1 (Do Nothing)	Option 2 (Modify Geometry, No Signal)	Option 3 (Modify Geometry, Traffic Signal)
1. Overall Safety	-	+	++
2. Pedestrian Crossing	-	+	++
3. Traffic Calming	-	+	++
4. Level of Operation (Delays/ LOS)	-	--	+
5. Appearance	-	++	+
6. Gateway	-	+	++
7. Winthrop Rd.	-	+	+

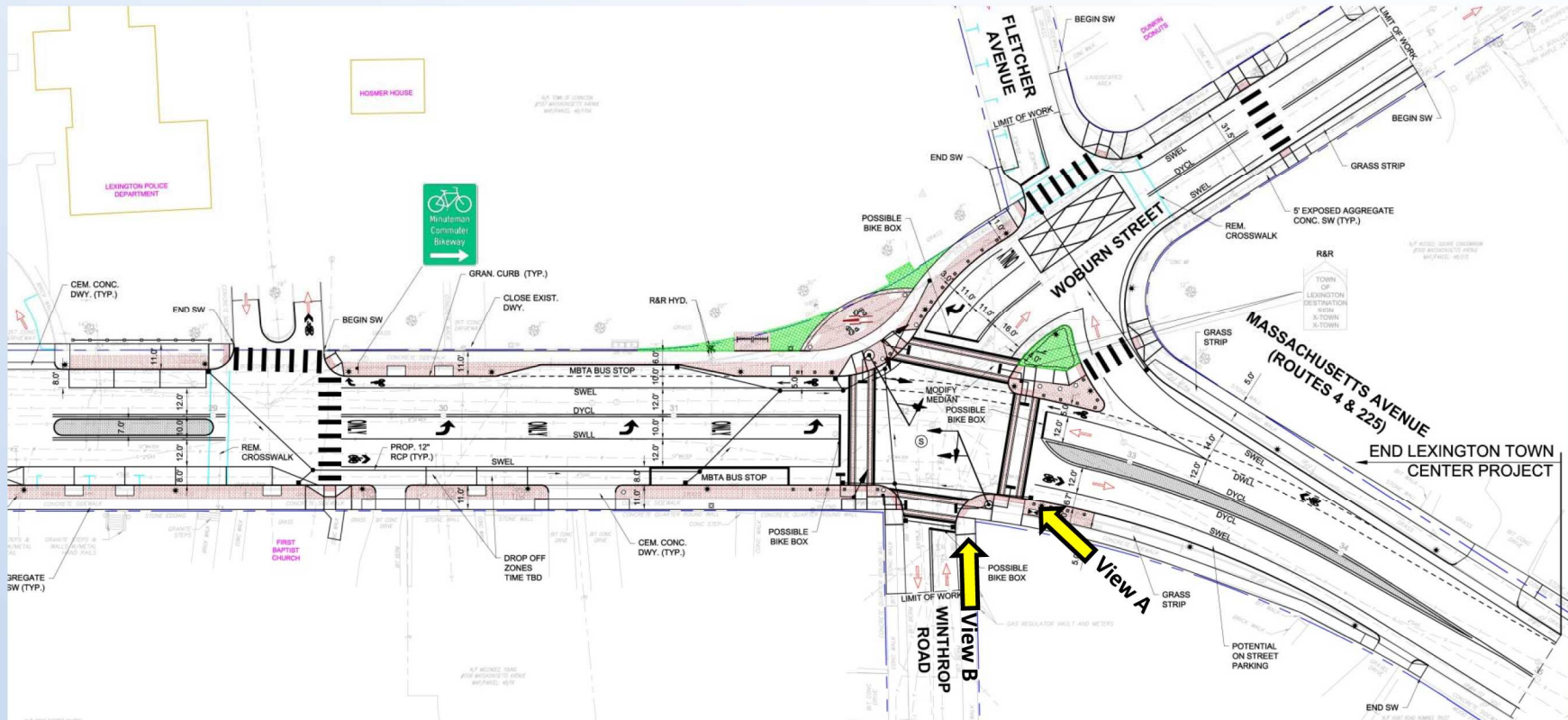
**Note:**

Our recommendation is Option 3. It provides overall safety, operational improvements and gateway enhancements.

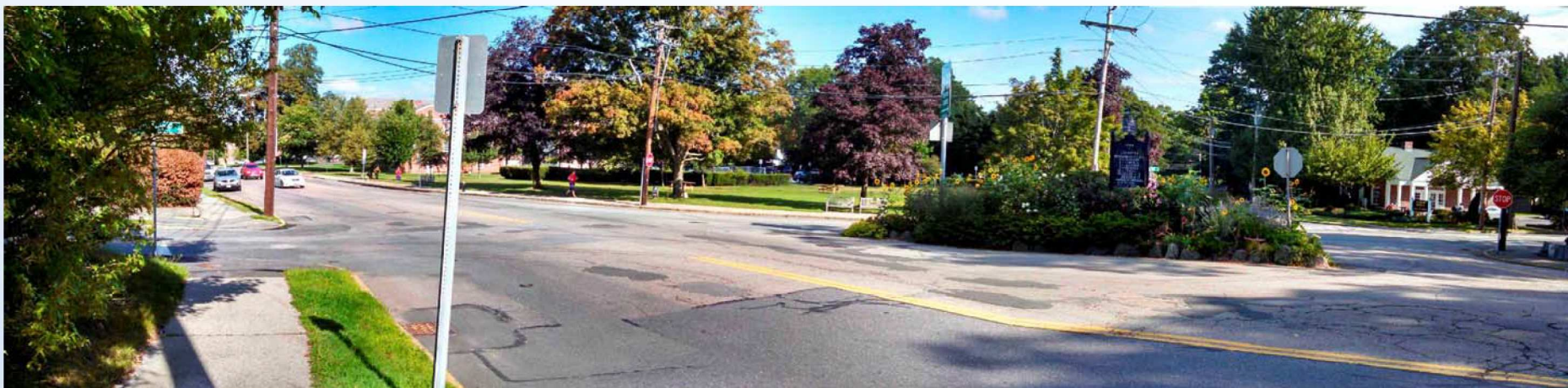
**Legend**

- Negative
- + Positive

## Massachusetts Avenue/Woburn Street/Winthrop Road Intersection Recommended Option







Existing



Proposed

# Lexington Town Center Streetscape Project





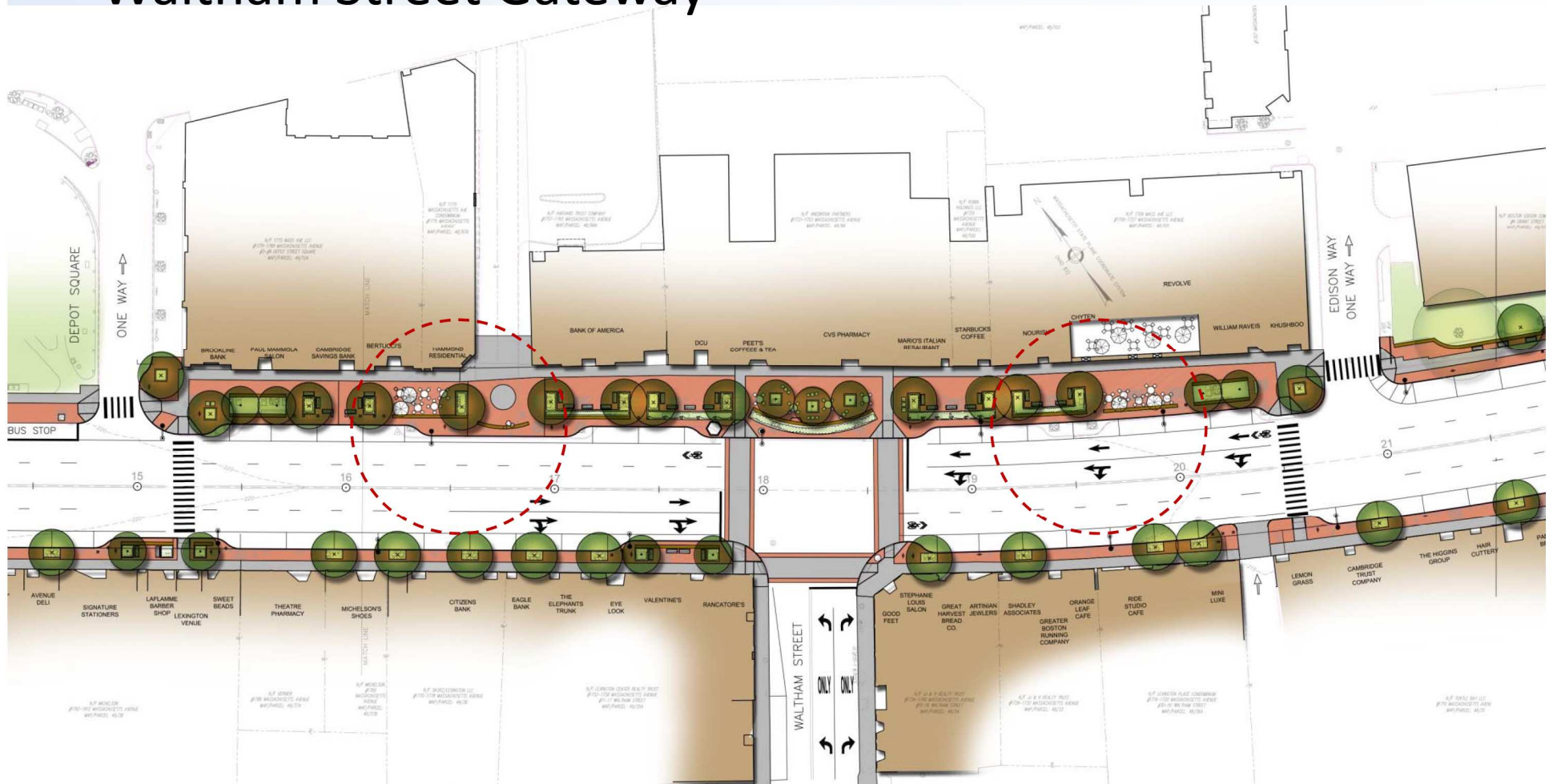
Existing



Proposed

Lexington Town Center Streetscape Project

# Commercial Area/ Waltham Street Gateway

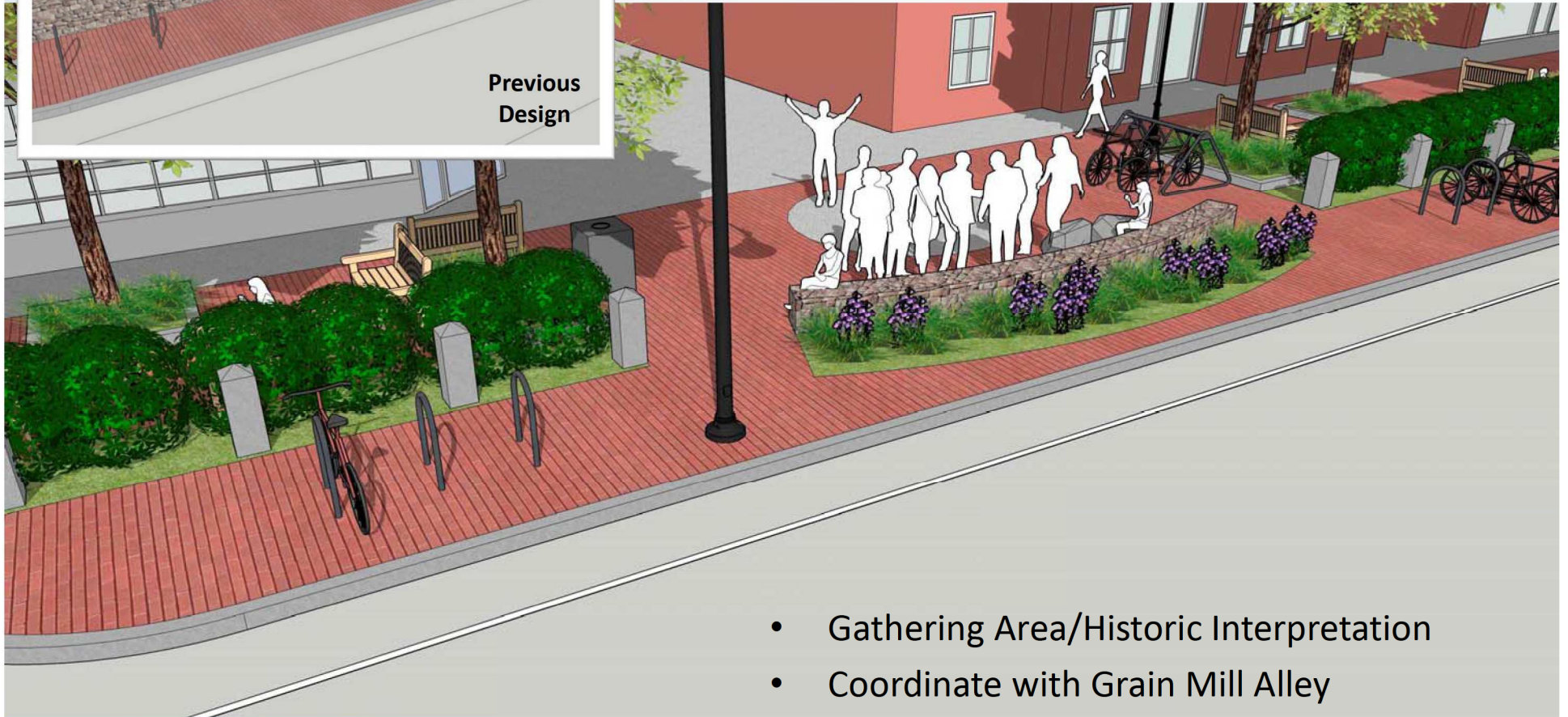




# Grain Mill Alley



Previous  
Design



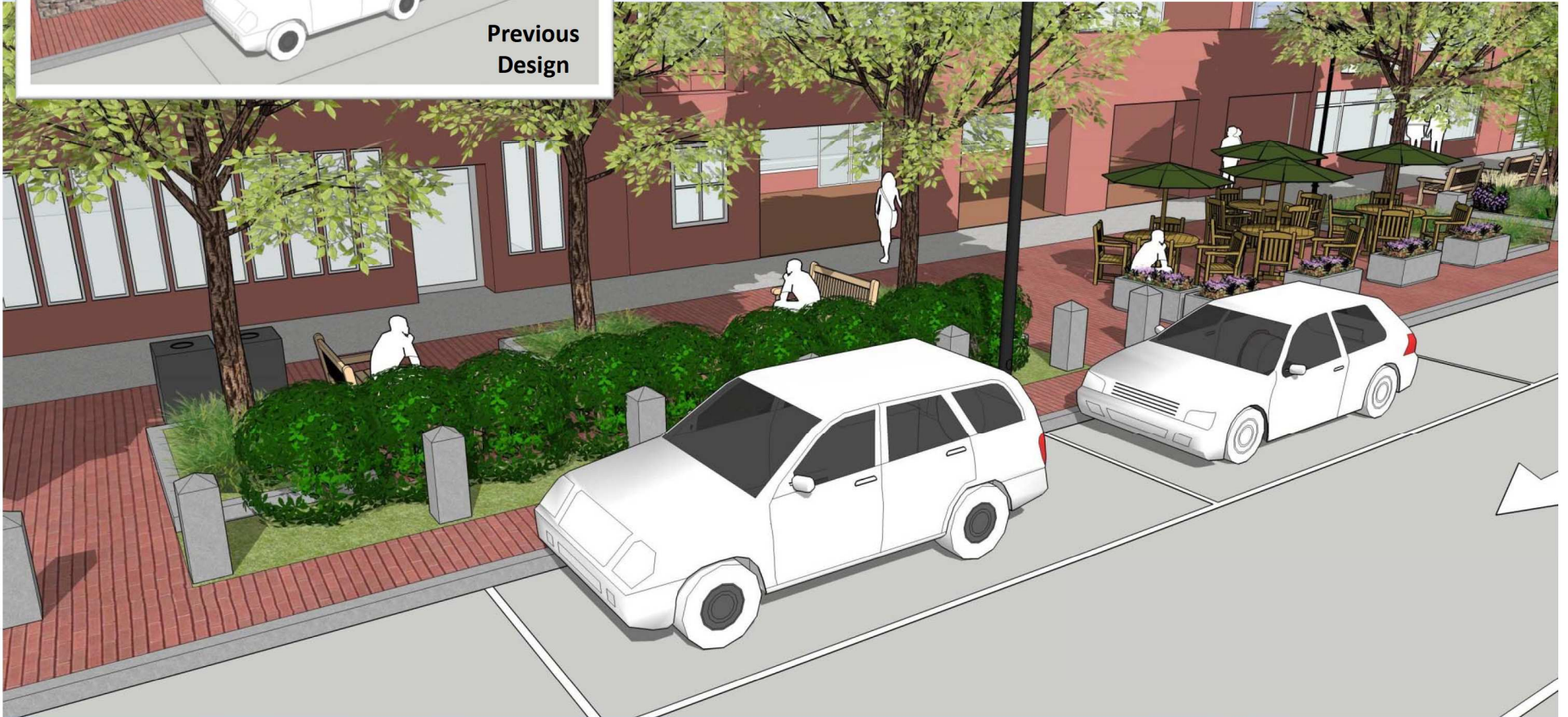
- Gathering Area/Historic Interpretation
- Coordinate with Grain Mill Alley



# Salter Building

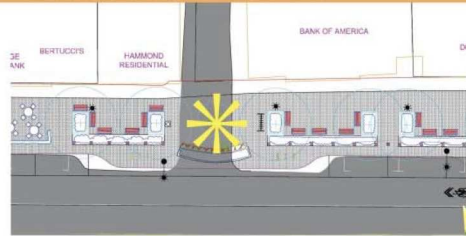


Previous  
Design

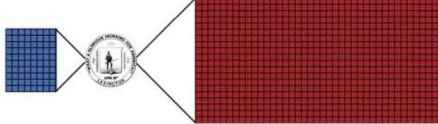




## "THE FIRST SHOT"



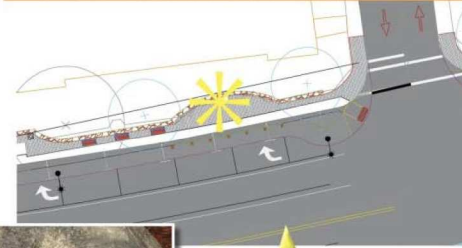
Sidewalk Graphics



80 Colonists

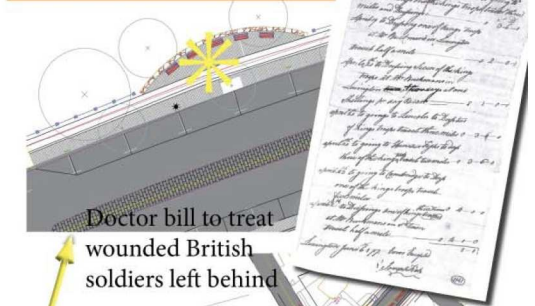
800 British

## "THE FIRST HOUSE"



Existing Plaque

## "BILL ME LATER"



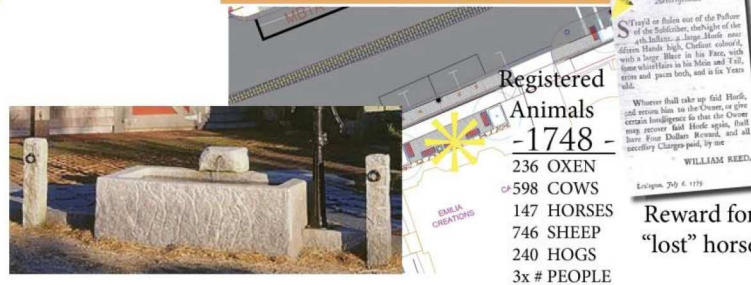
Doctor bill to treat wounded British soldiers left behind

## "DRUMMING UP A WAR"



The Role of the Militia Drum

## "WHERE'S MY HORSE?"



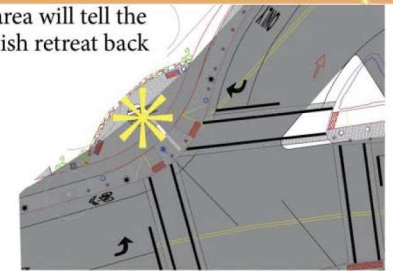
Registered Animals

-1748-  
236 OXEN  
598 COWS  
147 HORSES  
746 SHEEP  
240 HOGS  
3x # PEOPLE

Reward for "lost" horse

## "TWO CANNONS"

This gathering area will tell the story of the British retreat back to Boston.



# LEXINGTON BY THE NUMBERS

## INTERPRETIVE OPPORTUNITIES



Minute Man Statue  
With Trolley Car 1910



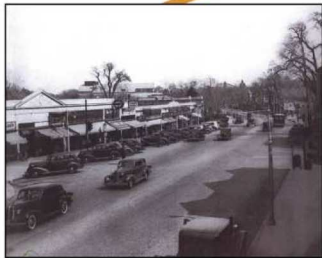
Buckman Tavern  
Circa 1886



Foster's: Demolished Mid 1960s  
One of the Oldest Commercial  
Buildings in Lexington



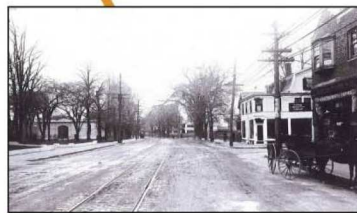
Ice Storm of 1921



Lexington Center 1938



Relocating the Meriam St. Fire Station  
to Woburn & Hayes  
Circa 1947



Massachusetts Ave. at Waltham St.  
Circa 1915



Lexington Center  
1947



The 'Look Back' Streetscape panels are located where the selected photographs show the more recent history of downtown Lexington. Because these smaller panels are meant to blend in with the Streetscape amenities, a **bronze sidewalk plaque** and **cobble banding** will assist in identifying the locations.

## LEXINGTON - A LOOK BACK INTERPRETIVE OPPORTUNITIES

# Next Steps

- Final Design
  - 50 % Design
  - 100 % Design
- Construction Phase (2 to 3 Phases Subject to Funding Availability)